

**Abstract of the Disclosure**

A method and computer program for extracting and combining arithmetic flags utilized in the processing multiple data items in a single instruction multiple data (SIMD) capable processor. In a SIMD processor several pieces of data may be manipulated by the same instruction at any given moment. However, the results for the execution of this instruction vary according to the data being manipulated. The method and computer program allows a simple mechanism in which these arithmetic flags maybe extracted and combined so as to maximize processor efficiency while saving space, reducing power requirements and heat generated by the processor.